

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,432,769 B2
APPLICATION NO. : 10/525983
DATED : October 7, 2008
INVENTOR(S) : Isami Kato et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, line 10, please delete "In an AM and an FM receivers," and insert therefore --In AM and FM receivers,--;

Column 2, line 15, please delete "the capacitance of variable capacitance element" and insert therefore --the capacitance of the variable capacitance element--;

Column 2, lines 18-19, please delete "the oscillating unit comprises a first and second MOSFETs," and insert therefore --the oscillating unit comprises first and second MOSFETs,--;

Column 2, lines 28-29, please delete "This configuration enables oscillating unit comprising a first and second MOSFETs," and insert therefore --This configuration enables an oscillating unit comprising first and second MOSFETs,--;

Column 2, line 30, please delete "variable capacitance element can be formed on" and insert therefore --variable capacitance element to be formed on--;

Column 3, line 15, please delete "embodiment;" and insert therefore --embodiment; and--;

Column 3, line 23, please delete "reference to the accompanying drawing" and insert therefore --reference to the accompanying drawings--;

Column 3, line 25, please delete "used for an AM and an FM receivers" and insert therefore --used for an AM and an FM receiver--;

Column 3, line 58, please delete "the above described MOSFET 12 and 13," and insert therefore --the above described MOSFETs 12 and 13,--;

Column 4, lines 51-52, please delete "the PLL synthesizer 21 compares between 6 the phase" and insert therefore --the PLL synthesizer 21 compares between the phase--;

Column 4, line 55, please delete "and control the oscillation frequency" and insert therefore --and controls the oscillation frequency--;

Column 5, line 35, please delete "MOSFET 12 and 13," and insert therefore --MOSFETs 12 and 13,--;

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 5, lines 61-62, please delete "assembly costs of an AM and an FM receivers." and insert therefore --assembly costs of AM and FM receivers.--;

Column 6, line 5, please delete "to any oscillator circuits using an inductance and a capacitor;" and insert therefore --to any oscillator circuit using an inductance and a capacitor;--;

Column 6, lines 11-12, please delete "but can be any circuits so long as controlling to set the frequency" and insert therefore --but can be any circuit so long as it controls the setting of the frequency--;

Column 6, line 18, please delete "purpose IC for an AM and an FM receivers," and insert therefore --purpose IC for AM and FM receivers,--; and

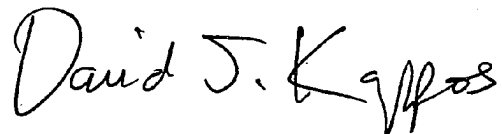
Column 16, line 29, please delete "conductor IC more compact." and insert therefore --conductor IC more compactly.--.

In Claim 4, column 7, line 36, please delete "of the oscillating unit by outputting a control voltage" and insert therefore --of the voltage controlled oscillator by outputting a control voltage--; and

In Claim 20, column 10, lines 3-4, please delete "the output of the second frequency divider circuit" and insert therefore --the output of the second frequency divider circuit--.

Signed and Sealed this

Twentieth Day of October, 2009

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and a stylized 'K'.

David J. Kappos
Director of the United States Patent and Trademark Office